

FILE NOTATIONS

Entered in NID File ✓

Entered On S R Sheet 3

Location Map Pinned ✓

Card Indexed ✓

W R for State or Fee Land

Checked by Chief PMB

Copy NID to Field Office ✓

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 1-1-63

OW WW TA

GW OS PA ✓

Location Inspected

Bond released

State of Fee Land

LOGS FILED

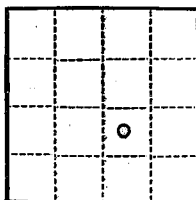
Driller's Log 1-8-63

Electric Logs (No. 1-2)

E I E-I ✓ GR GR-N Micro

Lat Mi-L Sonic ✓ Others

Subsequent report of abandonment



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYBudget Bureau No. 42-R358.4.
Form Approved.Land Office UtahLease No. U-017176Unit Alger Pass

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 12, 19 62

Well No. 1 is located 2056 ft. from S line and 2154 ft. from E line of sec. 29NW SE 29
(1/4 Sec. and Sec. No.)11 S
(Twp.)19 E
(Range)S.L.
(Meridian)Wildest
(Field)Uintah
(County or Subdivision)Utah
(State or Territory)The elevation of the derrick floor above sea level is 5681 ft. K.B.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Estimated Formation Tops:

Green River	surface
Wasatch	3719
Mesaverde	6319
Est. T. D.	8500

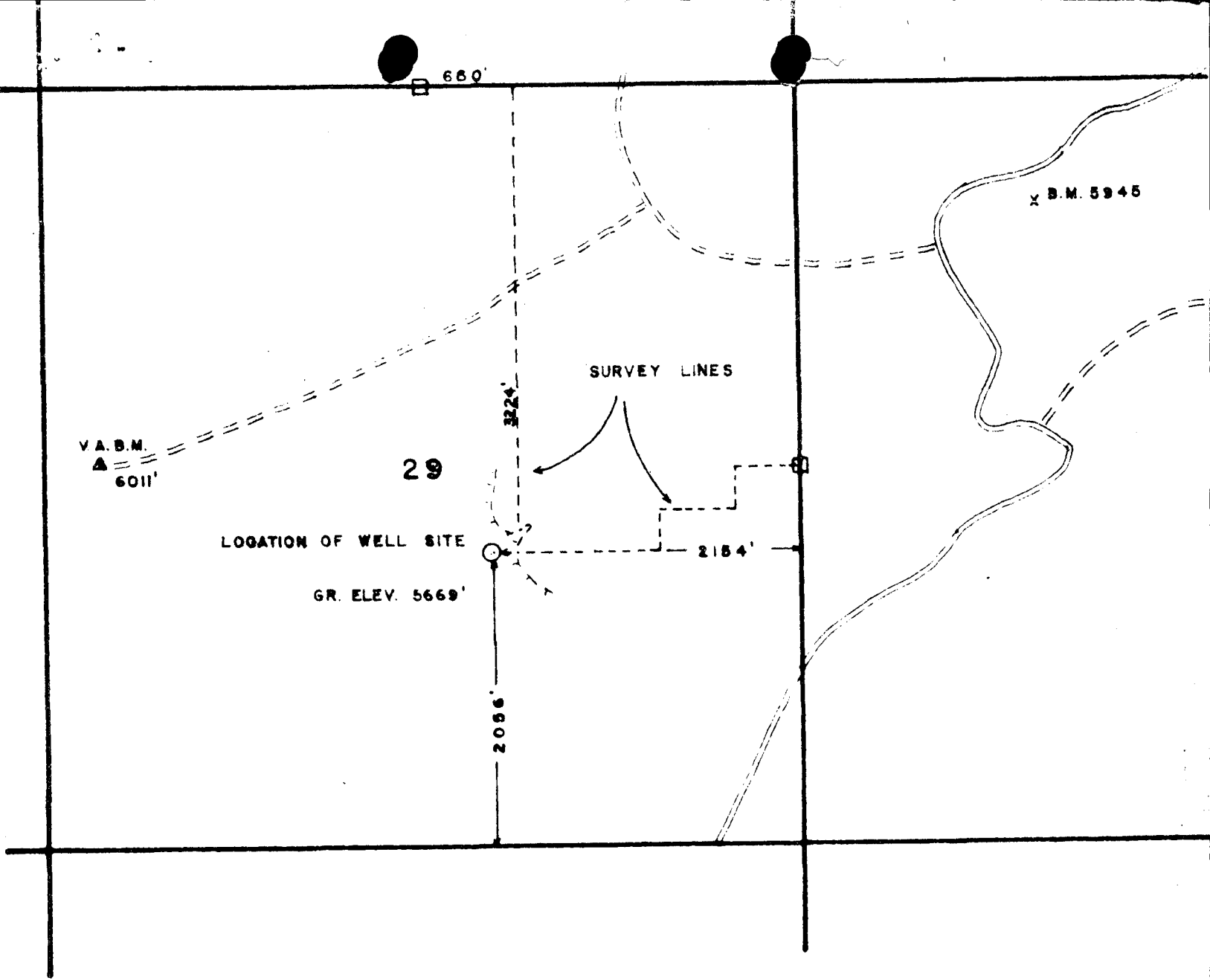
Casing Program:

13-3/8" 42# casing set @ 200'
Cement to circulate
5 1/2" 14-15.5# casing set through
all potential producing zones.

To test potential producing horizons in the Wasatch and Mesaverde formations.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas CorporationAddress 870 First Security BuildingSalt Lake City 11, UtahBy Ralph Thomas
Title District Geologist



SURVEY PLAT

OF

WELL SITE

ALGER PASS FED. NO.1 WELL

NW. SE. SEC. 29, T11S, R19E

UINTAH COUNTY, UTAH

SURVEYED BY C.W. SHANNON

FEBRUARY 1962

SCALE: 1 INCH=1000 FT.

November 13, 1962

Shamrock Oil and Gas Corporation
870 First Security Building
Salt Lake City 11, Utah

Attention: Ralph Thomas, Dist. Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Alger Pass #1, which is to be located 2056 feet from the south line and 2154 feet from the east line of Section 29, Township 11 South, Range 19 East, SLBM, Uintah County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
Office: DA 8-5771 or DA 8-5772
Home: CR 7-2890
Salt Lake City, Utah

This approval terminates within 90 days if the above well has not been spudded in within said period.

Very truly yours,

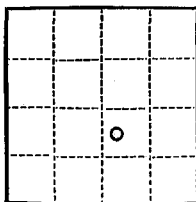
OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:cp

cc: D. F. Russell, Dist. Eng.
USGS - Salt Lake City, Utah

H. L. Coonts, Pet. Eng.
OGCC - Moab, Utah



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Utah
Lease No. U-017178
Unit Algar Pass Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		Subsequent report of running surface casing	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 19, 1962

Well No. 1 is located 2056 ft. from N line and 2154 ft. from E line of sec. 29
NW SE 29 11 S 19 E Salt Lake
 (¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildest Uintah Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5681 ft. K.B.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 220 feet of 13-3/8" H-40 casing. Set casing at 220 feet. Cemented with 300 sacks of regular cement with 2% calcium chloride added. Cement circulated.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Ralph Thomas

Title District Geologist

Copy H. L. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

LAND OFFICE Utah
LEASE NUMBER U-017178
UNIT Alger Pass Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1962,

Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.
Salt Lake City 11, Utah Signed Ralph Shuman

Phone 328-0165 Agent's title District Geologist

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 29 NW SE	11S	19E	1		Spudded 11-15-62. Set 13-3/8" casing at 220' w/300 sx. Drilling at 4,245'.					

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Copy H. L. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Utah
LEASE NUMBER 017178
UNIT Alger Pass

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1962,

Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.
Salt Lake City 11, Utah

Phone 328-0165 Signed Ralph Homer Agent's title District Geologist

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 29 NW SE	11S	19E	1		<u>Alger Pass</u> DST #1: 5015-50. Shut in 30 min., open 60 min., shut in 30 min. Had very weak blo in 12 min. and died, bypassed tool in 30 min., had weak blo in 10 min. and died. NGTS. Rec 30' drilling mud. FP 15-15, SIP 1311-81, HHP 2494-2488. DST #2: 5349-5376. Shut in 30 min., op 2 hours, SI 30 min. Had good blo thruout test. NGTS. Rec 120' SGCM. FP 6-10, SIP 128-693, HHP 2724-2708. DST #3: 5380-5397. Shut in 30 min., op 60 min., shut in 30 min. NGTS. Rec 60' drilling mud. FP 9-9, SIP 110-78, HHP 2733-2720. DST #4: 5875-89. Shut in 30 min., op 60 min., shut in 30 min. Fair blow. NGTS. Rec 110' drilling mud. FP 47-63, SIP 2538-2428, HHP 3025-3000. DST #5: 8623-45. Shut in 30 min., op 30 min., Shut in 30 min. Had good blo that died in 25 min., rec 5' drilling mud. FP 56-78, SIP 157-192, HHP 4433-4421. TD 8645'. Running logs.					

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

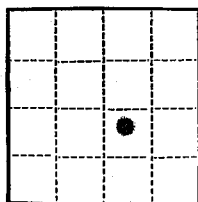
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Utah
Lease No. U-017178
Unit Alger Pass



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Alger Pass

January 1, 19 63

Well No. 1 is located 2056 ft. from N line and 2154 ft. from E line of sec. 29
SW SE 29 11 S 19 E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5681 ft. K.B.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Request permission to plug and abandon because well is non-commercial.

Proposed plugs: 35 ex @ 6761-6833
 35 ex @ 3777-3849
 35 ex @ 189-261
 10 ex @ surface

Drilling mud to be between all plugs.

Total depth 8638'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

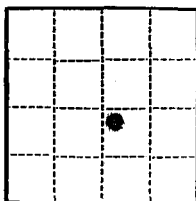
Company The Shamrock Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Ralph Thomas

Title District Geologist



Copy H. R. C.
(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.
Land Office Utah
Lease No. U-017178
Unit Alger Pass

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Alger Pass January 3, 19 63
Well No. 1 is located 2056 ft. from NE line and 2154 ft. from E line of sec. 29
NW SE 29 11 S 19 E Salt Lake
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5681 ft. K.B.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total depth 8638'.

Plugs: 35 ex @ 6761-6833

35 ex @ 3777-3849

35 ex @ 189-261

10 ex @ surface

Drilling mud between all plugs.

Plugged and abandoned January 1, 1963.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Ralph Thomas

Title District Geologist

dm
HID
FM
C

January 3, 1963

MEMO FOR FILING

Re: Shamrock Oil & Gas
Alger Pass #1
Sec. 29, T. 11 S, R. 19 E.,
Uintah County, Utah

On December 31, 1962, verbal approval was given to Mr. Ralph Thomas of Shamrock Oil and Gas Company to plug the above mentioned well in the following manner:

35 sacks cement across the top of the Mesaverde at 6791'
35 sacks cement across the top of the Wasatch at 3813'
35 sacks cement half in and half out of the surface casing at 221'
10 sacks cement at surface with an appropriate marker
to be installed.

Location will be cleaned and leveled and the rat hole will also be filled before leaving the location.

The following are the geologic tops indicated from the logs.

Green River	425'	logs indicated this formation to contain no porosity or permibility. It was dry when drilled through, and therefore, no plug appears necessary.
Wasatch	3813'	
Mesaverde	6791'	
Total Depth	8645'	in the Mesaverde

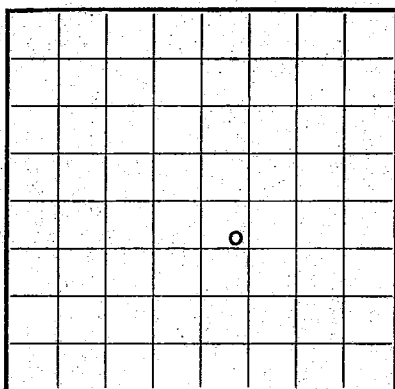
There were no shows of oil, gas or water except the near surface water zones behind surface casing, which is 13 3/8" set at 221'.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:cnp

cc: Don Russell, Dist. Eng.
USGS, Salt Lake City, Utah

U. S. LAND OFFICE Utah
SERIAL NUMBER 017178
LEASE OR PERMIT TO PROSPECT Alger Pass Unit



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Shamrock Oil & Gas Corporation Address 870 First Security Bldg., Salt Lake City
Lessor or Tract Alger Pass Unit Field Wildcat State Utah
Well No. 1 Sec. 29 T. 11S R. 19E Meridian Salt Lake County Uintah
Location 2056 ft. N. of S Line and 2154 ft. W. of E Line of Section 29 Elevation 5679
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Edwin B. Isbell

Date January 4, 1963 Title Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling November 15, 1962 Finished drilling December 30, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	48		H-40	220'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	220	300			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

FOLD | MARK |

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
-3/8	220	300			

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

[illegible]

Rotary tools were used from 0 feet to 8638 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

P.E. 1-1-1963
 The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment.
 If gas well, cu. ft. per 24 hours _____
 Rock pressure, lbs. per sq. in. _____

Put to producing _____, 19____
 Gravity, °Bé. _____
 Gallons gasoline per 1,000 cu. ft. of gas _____

_____, Driller _____, Driller
_____, Driller _____, Driller

FROM—	TO—	TOTAL FEET	FORMATION
0	150	150	Gy sh <u>TOPS</u>
150	1300	1150	oil sh Wasatch 3813
1300	1410	110	sd & sh Mesaverde 6722
1410	2000	590	Lime and sh
2000	3800	1800	sd, sh, lime
3800	7300	3500	red & gn sh, sd streaks
7300	8638	1338	gn-gy sh, sd streaks

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spud 11-15-62. Drilled 17½" to 200'. Drilled 12½" to 225'. Reamed 15½" to 225'. Set 13-3/8" csg @ 220' w/300 ex.
 DST #1: 5015-50. SI 30 min., Op 60 min., SI 30 min. Had very weak blo in 12 min. and died, bypassed tool in 30 min., had weak blo in 10 min. and died.
 NGTS. Rec 30' drilling mud. FP 15-15, SIP 1311-81, HHP 2494-2488.
 DST #2: 5349-5376. SI 30 min., Op 2 hrs., SI 30 min. Had good blo thruout test. NGTS. Rec 120' SOCM. FP 6-10, SIP 128-693, HHP 2724-2708.
 DST #3: 5380-5397. SI 30 min., op 60 min., SI 30 min. NGTS. Rec 60' drilling mud. FP 9-9, SIP 110-78, HHP 2733-2720.
 DST #4: 5875-89. SI 30 min., Op 60 min., SI 30 min. Fair blo, NGTS.
 Rec 110' drilling mud. FP 47-63, SIP 2538-2428, HHP 3025-3000.
 DST #5: 8623-45. SI 30 min., op 30 min., SI 30 min. Had good blo that died in 25 min., Rec 5' drilling mud. FP 56-78, SIP 157-192, HHP 4433-4421.
 Drilled to TD 8645'. Ran logs. Schlumberger TD 8638.
 Completed 1-1-63. D&A.

HISTORY OF OIL OR GAS WELL

BUREAU OF MINES

DEPARTMENT OF THE INTERIOR

MINERAL RESOURCES DIVISION

WASHINGTON, D.C. 20540

OFFICE OF THE DIRECTOR

MINERAL RESOURCES DIVISION